

ABSTRACT

Polypeptides implicated in the expression of resistance to glycopeptides, in particular in Gram-positive bacteria. Nucleotide sequence coding for these polypeptides and use for diagnosis

The invention relates to a composition of polypeptides, characterized in that it contains at least one protein or part of a protein selected from the sequences of amino acids identified in the list of the sequences as SEQ ID NO 1 (VanH), SEQ ID NO 2 (VanA), SEQ ID NO 3 (VanX) or SEQ ID NO 19 (VanC), or any protein or part of a protein recognized by the antibodies directed against VanH, VanA, VanX or VanC, or any protein or part of a protein encoded in a sequence hybridizing with one of the nucleotide sequences identified in the list of the sequences as SEQ ID NO 8, SEQ ID NO 9 or SEQ ID NO 10 or with one of the following sequences V1 or V2 under stringent or only slightly stringent conditions:

V1 : GGX GAA GAT GGX TCX TTX CAA GGX

G C AG C G

A

V2 : AAT ACX ATX CCX GGX TTT AC

C T C

C

The invention also relates to the nucleotide sequences coding for these polypeptides as well as their utilization for the diagnosis of resistance to the glycopeptides.